



IFW 6P1755

PTO/SB/92 (09-04)  
Approved for use through 07/31/2006. OMB 0561-0031  
Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

### Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

on August 25, 2006  
Date

Diene Dick

Signature

DIANE DICK

Typed or printed name of person signing Certificate

(302) 892-7757

Registration Number, if applicable

Telephone Number

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

10/539195

FC0002USPCT

INFORMATION DISCLOSURE STATEMENT

INTERNATIONAL SEARCH REPORT

PTO/SB/08A (1)

PTO/SB/08B (1)

COPIES OF REFERENCES (2)

POSTCARD

Page 1 of 8

This collection of information is required by 37 CFR 1.8. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 1.8 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN THE APPLICATION OF:

KOSTANTINOS KOURTAKIS



CASE NO.: FC0002USPCT

APPLICATION NO.: 10/539195

CONFIRMATION NO.: 2313

GROUP ART UNIT: 1755

EXAMINER: UNKNOWN

FILED: June 17, 2005

FOR: ELECTROCATALYSTS AND PROCESSES FOR PRODUCING

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In compliance with 37 C.F.R. §§1.97 and 1.98, Applicants bring to the attention of the U.S. Patent and Trademark Office the information listed on the enclosed PTO/SB/08A and/or PTO/SB/08B forms. A copy of the information, if required, is also enclosed. Consideration of the information is requested under 37 C.F.R. § 1.56 and this information is submitted in accord with the provisions of §1.97(b): within three months of filing the national application under 37 C.F.R. §1.53(d), or entry into the national stage under 37 C.F.R. §1.491, or before the mailing of a first Office Action on the merits, or before the mailing of a first Office Action on the merits after filing a Request for Continued Examination under 37 C.F.R. §1.114.

If this Information Disclosure Statement is filed under §1.97(b) but the mailing date hereof is after the mailing of a first Office Action on the merits, the PTO is authorized to charge the fee set forth in 37 C.F.R. §1.17(p) to Deposit Account No. **04-1928** (E. I. du Pont de Nemours and Company) in order to

08/29/2006 SSITHIB1 00000039 041928 10539195

01 FC:1806 180.00 DA

complete the requirements for consideration of this Information Disclosure Statement.

Respectfully submitted,

A handwritten signature in black ink, appearing to read 'Thomas W. Gorman', written in a cursive style.

**THOMAS W. GORMAN**

Attorney for Applicants

Registration No.: 31,959

Telephone: (302) 892-1543

Facsimile: (302) 992-5374

Dated: 8-24-06



PTO/SB/08A (07-05)

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/539195
Filing Date	February 10, 2004
First Named Inventor	KOSTANTINOS KOURTAKIS
Group Art Unit	1755
Examiner Name	UNKNOWN
Attorney Docket Number	FC0002USPCT

**U.S. PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code <sup>2</sup>	(if known)			
	1	US -	3,282,875	11-01-1966	DONALD JAMES CONNOLLY ET. AL.	
	2	US -	4,358,545	11-09-1982	BOBBY R. EZZELL ET. AL.	
	3	US -	4,940,525	07-10-1990	BOBBY R. EZZELL ET. AL.	
	4	US -	5,547,551	08-20-1996	BAMDAD BAHAR ET. AL.	
	5	US -	6,110,333	08-29-2000	JEFFREY E. SPETHMANN ET. AL.	
	6	US -	5,525,436	06-11-1996	ROBERT F. SAVINELL ET. AL.	
	7	US -	5,716,727	02-10-1998	ROBERT F. SAVINELL ET. AL.	
	8	US -	6,025,085	02-15-2000	ROBERT F. SAVINELL ET. AL.	
	9	US -	6,099,988	08-08-2000	ROBERT F. SAVINELL ET. AL.	
	10	US -	5,484,666	01-16-1996	PETER GIBB ET. AL.	
	11	US -	5,061,671	10-29-1991	MELANIE KITSON ET. AL.	
	12	US -	6,066,410	05-23-2000	EMMANUEL AUER ET. AL.	
	13	US -	6,670,301 B2	12-30-2003	RADOSLAV ADZIC ET. AL.	
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				
		US -				

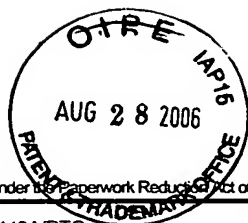
**FOREIGN PATENT DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sub>6</sub>
		CountryCode <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup>	(if known)			
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>
								<input type="checkbox"/>

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. 1 Applicant's unique citation designation number (optional). 2 See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). 4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. 5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. 6 Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.



PTO/SB/08B (07-05)

Approved for use through 06/30/2006. OMB 0651-0031  
U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

Sheet 1 of 1

**Complete if Known**

Application Number	10/539195
Filing Date	February 10, 2004
First Named Inventor	KOSTANTINOS KOURTAKIS
Group Art Unit	1755
Examiner Name	UNKNOWN
Attorney Docket Number	FC0002USPCT

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials *	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	1	WATANABE ET. AL., PREPARATION OF HIGHLY DISPERSED Pt + Ru ALLOY CLUSTERS AND THE ACTIVITY FOR THE ELECTROOXIDATION OF METHANOL., J. ELECTROANAL. CHEM., 1987, VOL. 229:395-406	<input type="checkbox"/>
	2	GASTEIGER ET. AL., CO ELECTROOXIDATION ON WELL-CHARACTERIZED Pt-Ru ALLOYS, J. PHYS. CHEM., 1994, VOL. 98:617-625	<input type="checkbox"/>
	3	W. HUNTER ET. AL., AN INTRODUCTION TO DESIGN, DATA ANALYSIS AND MODEL BUILDING, STATISTICS FOR EXPERIMENTERS, 1978, JOHN WILEY & SONS (BOOK NOT INCLUDED)	<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>
			<input type="checkbox"/>

Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique citation designation number (optional). 2 Applicant is to place a check mark here if English language Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.